

State of Ohio Environmental Protection Agency

Southeast District Office

2195 Front Street Logan, Ohio 43138 TELE: (740) 385-8501 FAX (740) 385-6490 www.epa.state.ch.us

Ted Strickland, Governor Lee Fisher, Lieutenant Governor Chris Korleski, Director

September 29, 2010

Re: Belmont County

American Energy Corp., Century Mine

Notice of Violation OIL00091*GD

Correspondence (IWW)

Mr. Farley Wood American Energy Corp., Century Mine 43521 Mayhugh Hill Road Beallsville, Ohio 43716

Dear Mr. Wood:

We have received your self-monitoring reports covering the months of January through June 2010 for the referenced facility. Our review indicates violations of the conditions of your NPDES permit. The specific instances of noncompliance and/or deficiencies are as follows:

	Outfall	Parameter	Туре	Units	Limit	Reported	Date			
	February	2010								
	015	Manganese, Total	30D Conc	mg/L	2000	2002.	2/1/2010			
•	May 2010									
Z	017	Nitrogen, Ammonia	30D Conc	mg/L	1.0	2.	5/1/2010			
3	017	Nitrogen, Ammonia	1D Conc	mg/L	1.5	2.6	5/19/2010			
•	June 2010									
4	017	Nitrogen, Ammonia	30D Conc	mg/L	1.0	4.9045	6/1/2010			
7	017	Fecal Coliform	30D Conc	#/100 mL	1000	6600.	6/1/2010			
5	017	Nitrogen, Ammonia	1D Conc	mg/L	1.5	9.	6/2/2010			
6	017	Fecal Coliform	1D Conc	#/100 mL	2000	6600.	6/28/2010			

NOTES: 1D Conc = Daily Average Concentration Value

1D Qty = Daily Average Loading Value

7D Conc = Weekly Average Concentration Value

7D Qty = Weekly Average Loading Value

30D Conc = Monthly Average Concentration Value

30D Qty = Monthly Average Loading Value

Please be advised that failure to comply with the effluent limitations or to satisfy the monitoring or reporting requirements of your NPDES permit may be cause for enforcement action pursuant to the Ohio Revised Code Chapter 6111.

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American Energy Corp., Century Mine Page 2

We have reviewed your report addressing the reasons for the above violations and the actions being taken to prevent further occurrences. Hopefully, these actions will prevent any recurrence so that enforcement action will not be required. No additional information is requested at this time.

If there are any questions, please contact me at (740) 380-5284.

Sincerely,

Ms. Abbot Stevenson
Environmental Engineer
Permits and Enforcement Section
Division of Surface Water

AS/dh

c: Fred Blumling, American Energy Corp.



Southeast District Office

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Ted Strickland, Governor Lee Fisher, Lieutenant Governor Chris Korleski, Director

July 7, 2009

Re: Belmont County

American Energy Corp., Century Mine

Notice of Violation 0IL00091*GD

Correspondence (IWW)

Mr. Ryan Murray American Energy Corp., Century Mine 43521 Mayhugh Hill Road Beallsville, Ohio 43716

Dear Mr. Murray:

We have received your self-monitoring reports covering the months of October 2008 through May 2009 for the referenced facility. Our review indicates violations of the conditions of your NPDES permit. The specific instances of noncompliance and/or deficiencies are as follows:

Outfall	Parameter	Туре	Limit	Units	Reported	Date
Decemb	per 2008		-			
800	Manganese, Total	30D Conc	2000	ug/L	2150	12/1/2008
January	2009					
017	Dissolved Oxygen	1D Conc	6	mg/L	4	1/21/2009
Februar	y 2009					
015	Manganese, Total	30D Conc	2000	ug/L	2350	2/1/2009

NOTES: 1D Conc = Daily Average Concentration Value

1D Qty = Daily Average Loading Value

7D Conc = Weekly Average Concentration Value
7D Qty = Weekly Average Loading Value
30D Conc = Monthly Average Concentration Value
30D Qty = Monthly Average Loading Value

Please be advised that failure to comply with the effluent limitations or to satisfy the monitoring or reporting requirements of your NPDES permit may be cause for enforcement action pursuant to the Ohio Revised Code Chapter 6111.

Failure to report violations of the effluent limitations is also a violation of your NPDES permit. Please review Part 3 of the NPDES permit for reporting requirements.

American Energy Corp., Century Mine Page 2

We have reviewed your report addressing the reasons for the above violations and the actions being taken to prevent further occurrences. Hopefully, these actions will prevent any recurrence so that enforcement action will not be required. No additional information is requested at this time.

If there are any questions, please contact me at (740) 380-5284.

Sincerely,

Ms. Abbot Stevenson

Environmental Engineer

Permits and Enforcement Section

Division of Surface Water

AS/dh

c: Fred Blumling, American Energy Corp.



43521 Mayhugh Hill Road Twp.Hwy.88

Beallsville, Ohio 43716 Phone: (740) 926-9152 FAX: (740) 926-9138

American Energy Corporation

July 29, 2009

Ohio EPA State of Ohio Environmental Protection Agency Southeast District Office 2195 Front Street Logan, OH 43183

Attention: Ms. Abbot Stevenson

Dear Ms. Abbot Stevenson:

We are in receipt of the attached preliminary compliance report dated July 21, 2009 concerning Outfall 017 for June 2009.

AEC was out of compliance on fecal coliform. Our allowable limit is 1000/2000, while 2200 was reported. We have not found anything that would cause a high value.

AEC has cleaned this system the week of July 20th. The sample was also checked for the month of July and was in compliance.

If you have any questions or need additional information please feel free to contact me at your convenience.

Sincerely,

Zuin B. Dulin 7/29/09 Dennis B. Dubiel

Project/Environmental Engineer

Century Mine



MAILING ADDRESS:

Lazarus Government Center 50 W. Town St., Suite 700 Columbus, Ohio 43215 TELE: (614) 644-3020 FAX: (614) 644-3184 www.epa.state.oh.us

P.O. Box 1049 Columbus, OH 43216-1049

July 21, 2009

American Energy Corp - Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

Dear Permittee:

A Preliminary Compliance Review was conducted on your Discharge Monitoring Report (DMR) submitted on July 20, 2009. As detailed at the end of this letter, screening of your submitted DMR has identified possible compliance issues. Please review the information and take the appropriate action:

- If you need assistance in understanding the basis for the PCR you can contact Bonita Dennis of the Permit Compliance Unit via email Bonita.Dennis@epa.state.oh.us or by phone at 614-644-2045.
- If you believe the identified compliance issues are in error based on your understanding of your NPDES permit conditions, contact your Ohio EPA District Representative, Abbot Stevenson, at 1-800-686-7330 or Abbot.Stevenson@epa.state.oh.us
- Part III-12 of your NPDES permit requires that you submit an email or a letter of explanation outlining the actions you have taken or are taking to correct certain instances of non-compliance. If you have not already done so, please submit the email or letter to your Ohio EPA District representative at the following address:

Abbot Stevenson
Ohio EPA - Southeast District Office
2195 Front Street
Logan, Ohio 4313
1-800-686-7330 or Abbot.Stevenson@epa.state.oh.us

• The following web address contains useful eDMR submission information including definitions of limit violations, non-numeric violations, frequency violations, calculation of average concentrations, and correct A-code use: http://www.epa.state.oh.us/dsw/swims/eDMR/eDMR.html

Sincerely,

Ed Swindall ed.swindall@epa.state.oh.us Supervisor, Permits Compliance Unit Ohio EPA, Division of Surface Water

> Ted Strickland, Governor Lee Fisher, Lieutenant Governor Chris Korleski, Director

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P.O. Box 1049 Columbus, OH 43216-1049

Preliminary Compliance Report

Facility:

American Energy Corp - Century Mine

Permit No.:

01L00091*GD

Report Period:

June 2009

Date Received:

7/20/2009

Station	Туре	Date	Reporting Code	Parameter	Limit Type	Permit Limit	Reported Value
017	Limit	6/1/2009	31616	Fecal Coliform	Monthly Conc.	1000	2200.
017	Limit	6/11/2009	31616	Fecal Coliform	Daily Conc.	2000	2200.

Ted Strickland, Governor Lee Fisher, Lieutenant Governor Chris Korleski, Director



43521 Mayhugh Hill Road Twp.Hwy.88 Beallsville, Ohio 43716 Phone: (740) 926-9152

FAX: (740) 926-9138

American Energy Corporation

July 29, 2009

Ohio EPA State of Ohio Environmental Protection Agency Southeast District Office 2195 Front Street Logan, OH 43183

Attention: Ms. Abbot Stevenson

Dear Ms. Abbot Stevenson:

We are in receipt of the attached preliminary compliance report dated July 21, 2009 concerning Outfall 017 for June 2009.

AEC was out of compliance on fecal coliform. Our allowable limit is 1000/2000, while 2200 was reported. We have not found anything that would cause a high value.

AEC has cleaned this system the week of July 20th. The sample was also checked for the month of July and was in compliance.

If you have any questions or need additional information please feel free to contact me at your convenience.

Sincerely,

Quin B. Dulin 7/29/09 Dennis B. Dubiel

Project/Environmental Engineer

Century Mine



MAILING ADDRESS:

Lazarus Government Center 50 W. Town St., Suite 700 Columbus, Ohio 43215 TELE: (614) 644-3020 FAX: (614) 644-3184 www.epa.state.oh.us

P.O. Box 1049 Columbus, OH 43216-1049

July 21, 2009

American Energy Corp - Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

Dear Permittee:

A Preliminary Compliance Review was conducted on your Discharge Monitoring Report (DMR) submitted on July 20, 2009. As detailed at the end of this letter, screening of your submitted DMR has identified possible compliance issues. Please review the information and take the appropriate action:

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Logan, Ohio 4313
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Sincerely,

Ed Swindall ed.swindall@epa.state.oh.us Supervisor, Permits Compliance Unit Ohio EPA, Division of Surface Water

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P.O. Box 1049 Columbus, OH 43216-1049

Preliminary Compliance Report

Facility:

American Energy Corp - Century Mine

Permit No.:

01L00091*GD

Report Period:

June 2009

Date Received:

7/20/2009

Station	Туре	Date	Reporting Code	Parameter	Limit Type	Permit Limit	Reported Value
017	Limit	6/1/2009	31616	Fecal Coliform	Monthly Conc.	1000	2200.
017	Limit	6/11/2009	31616	Fecal Coliform	Daily Conc.	2000	2200.

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43521 Mayhugh Hill Road Twp.Hwy.88

Beallsville, Ohio 43716 Phone: (740) 926-9152 FAX: (740) 926-9138

American Energy Corporation

March 30, 2009

Ohio EPA
State of Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43183

Attention: Abbot Stevenson

Dear Ms. Abbot Stevenson:

We are in receipt of the attached preliminary compliance report dated March 20, 2009 concerning Outfall 015 for February 2009.

AEC was out of compliance on manganese. Our allowable limit is 2000, while 2350 was reported. This could be contributed to some of the rain days experienced in February.

AEC has been treating this pond and monitoring the quality. We also cleaned this pond last week

If you have any questions or need additional information please feel free to contact me at your convenience.

Dulie / 3/30/09

Sincerely,

Dennis B. Dubiel

Project/Environmental Engineer

Century Mine



MAILING ADDRESS:

Lazarus Government Center 50 W. Town St., Suite 700 Columbus, Ohio 43215 TELE: (614) 644-3020 FAX: (614) 644-3184 www.epa.state.oh.us

P.O. Box 1049 Columbus, OH 43216-1049

March 20, 2009

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

Dear Permittee:

A Preliminary Compliance Review was conducted on your Discharge Monitoring Report (DMR) submitted on March 19, 2009. As detailed at the end of this letter, screening of your submitted DMR has identified possible compliance issues. Please review the information and take the appropriate action:

- If you need assistance in understanding the basis for the PCR you can contact Lavaun Pinckney of the Permit Compliance Unit via email Lavaun.Pinckney@epa.state.oh.us or by phone at 614-644-2047.
- If you believe the identified compliance issues are in error based on your understanding of your NPDES permit conditions, contact your Ohio EPA District Representative, Abbot Stevenson, at 1-800-686-7330 or Abbot.Stevenson@epa.state.oh.us
- Part III-12 of your NPDES permit requires that you submit an email or a letter of explanation outlining the actions you have taken or are taking to correct certain instances of non-compliance. If you have not already done so, please submit the email or letter to your Ohio EPA District representative at the following address:

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Logan, Ohio 4313
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Sincerely,

Ed Swindall ed.swindall@epa.state.oh.us Supervisor, Permits Compliance Unit Ohio EPA, Division of Surface Water

> Ted Strickland, Governor Lee Fisher, Lieutenant Governor Chris Korleski, Director

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P.O. Box 1049 Columbus, OH 43216-1049

Preliminary Compliance Report

Facility:

American Energy Corp Century Mine

Permit No.:

0IL00091*GD

Report Period:

February 2009

Date Received:

3/19/2009

Station	Туре	Date	Reporting Code	Parameter	Limit Type	Permit Limit	
015	Limit	2/1/2009	01055	Manganese, Total (Mn)	Monthly Conc.	2000	2350.

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P.O. Box 1049 Columbus, OH 43216-1049

March 20, 2009

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

Dear Permittee:

A Preliminary Compliance Review was conducted on your Discharge Monitoring Report (DMR) submitted on March 19, 2009. As detailed at the end of this letter, screening of your submitted DMR has identified possible compliance issues. Please review the information and take the appropriate action:

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Ed Swindall ed.swindall@epa.state.oh.us Supervisor, Permits Compliance Unit Ohio EPA, Division of Surface Water

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P.O. Box 1049 Columbus, OH 43216-1049

Preliminary Compliance Report

Facility:

American Energy Corp Century Mine

Permit No.:

0IL00091*GD

Report Period: February 2009

Date Received:

3/19/2009

Station	Туре	Date	Reporting Code	Parameter	Limit Type	Permit Limit	Reported Value
015	Limit	2/1/2009	01055	Manganese, Total (Mn)	Monthly Conc.	2000	2350.

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43521 May hugh Hill Road Twp.Hwy.88 Beallsville, Ohio 43716 Phone: (740) 926-9152 FAX: (740) 926-9138

American Energy Corporation

February 26, 2009

Ohio EPA State of Ohio Environmental Protection Agency Southeast District Office 2195 Front Street Logan, OH 43183

Attention: Abbot Stevenson

Dear Ms. Abbot Stevenson:

We are in receipt of the attached preliminary compliance report dated February 20, 2009 concerning Outfall 017 for January 21, 2009.

Our reported value for 017 was 4, which is below the minimum permit value of 6. We are in process of having the system cleaned. I will also have our operator check the system for any mechanical problems that could have caused this to happen. I will follow up with you to report any findings.

If you have any questions or need additional information please feel free to contact me at your convenience.

Sincerely,

Dennis B. Dubiel

Project/Environmental Engineer

Century Mine



Lazarus Government Center 50 W. Town St., Suite 700 Columbus, Ohio 43215 TELE: (614) 644-3020 FAX: (614) 644-3184 www.epa.state.oh.us

P.O. Box 1049 Columbus, OH 43216-1049

February 20, 2009

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

Dear Permittee:

A Preliminary Compliance Review was conducted on your Discharge Monitoring Report (DMR) submitted on February 19, 2009. As detailed at the end of this letter, screening of your submitted DMR has identified possible compliance issues. Please review the information and take the appropriate action:

- If there were errors in the original DMR submission, submit a revised DMR to Ohio EPA by the close of business on the 30th of this month. Include a specific comment on the DMR for each revision.
- If you believe that there is an error due to technical issues that cannot be corrected by resubmission, contact Jamie Roberts, eDMR Coordinator, at 614-387-3367 or james.roberts@epa.state:oh.us.
- If you believe the identified compliance issues are in error based on your understanding of your NPDES permit conditions, contact your Ohio EPA District Representative, Abbot Stevenson, at 1-800-686-7330 or Abbot.Stevenson@epa.state.oh.us
- Part III-12 of your NPDES permit requires that you submit an email or a letter of explanation outlining the actions you have taken or are taking to correct all instances of non-compliance. If you have not already done so, please submit the email or letter to your Ohio EPA District representative at the following address:

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Sincerely,

Ed Swindall ed.swindall@epa.state.oh.us Supervisor, Permits Compliance Unit Ohio EPA. Division of Surface Water

> Ted Strickland, Governor Lee Fisher, Lieutenant Governor Chris Korleski, Director

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P.O. Box 1049 Columbus, OH 43216-1049

Preliminary Compliance Report

Facility:

American Energy Corp Century Mine

Permit No.:

0IL00091*GD

Report Period:

January 2009

Date Received:

2/19/2009

Station Trype Date: Permit Permit Value:

O17 Limit 1/21/2009 00300 Dissolved Oxygen Daily Conc. 6 4.

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43521 Mayhugh Hill Road Twp.Hwy.88 Beallsville, Ohio 43716

Phone: (740) 926-9152 FAX: (740) 926-9138

American Energy Corporation

January 29, 2009

Ohio EPA State of Ohio Environmental Protection Agency Southeast District Office 2195 Front Street Logan, OH 43183

Attention: Abbot Stevenson

Dear Ms. Abbot Stevenson:

We are in receipt of the attached preliminary compliance report dated January 21, 2009 concerning Outfall 008 for December 2008.

AEC was out of compliance for manganese. AEC was .150 mg/l above the allowable limit. The contributing factors for this amount are the amount of rainfall and excess runoff, combined with the discharge of pond 12.

AEC has been monitoring and treating as needed to keep the manganese levels down. AEC will continue treatment of the upper said pond and runoff. This will bring outfall 008 within the allowable limits.

The first sample for January 2009 is within the allowable limits for pond 008.

Decins B. Dulie 1/29/09

If you have any questions or need additional information please feel free to contact me at your convenience.

Sincerely,

Dennis B. Dubiel

Project/Environmental Engineer

Century Mine



MAILING ADDRESS:

Lazarus Government Center 50 W. Town St., Suite 700 Columbus, Ohio 43215 TELE: (614) 644-3020 FAX: (614) 644-3184 www.epa.state.oh.us

P.O. Box 1049 Columbus, OH 43216-1049

January 21, 2009

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

Dear Permittee:

A Preliminary Compliance Review was conducted on your Discharge Monitoring Report (DMR) submitted on January 20, 2009. As detailed at the end of this letter, screening of your submitted DMR has identified possible compliance issues. Please review the information and take the appropriate action:

- If there were errors in the original DMR submission, submit a revised DMR to Ohio EPA by the close of business on the 30th of this month. Include a specific comment on the DMR for each revision.
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Ed Swindall ed.swindall@epa.state.oh.us Supervisor, Permits Compliance Unit Ohio EPA, Division of Surface Water

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P.O. Box 1049 Columbus, OH 43216-1049

January 21, 2009

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

Dear Permittee:

A Preliminary Compliance Review was conducted on your Discharge Monitoring Report (DMR) submitted on January 20, 2009. As detailed at the end of this letter, screening of your submitted DMR has identified possible compliance issues. Please review the information and take the appropriate action:

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Ed Swindall ed.swindall@epa.state.oh.us Supervisor, Permits Compliance Unit Ohio EPA, Division of Surface Water

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TELE: (614) 644-3020 FAX: (614) 644-3184 www.epa.state.oh.us

P.O. Box 1049 Columbus, OH 43216-1049

Preliminary Compliance Report

Facility:

American Energy Corp Century Mine

Permit No.:

0IL00091*GD

Report Period: December 2008

Date Received:

1/20/2009

Station	Type	Date	Reporting Code	Parameter	Limit Type	Permit Limit	Reported Value
800	Limit	12/1/2008	01055	Manganese, Total (Mn)	Monthly Conc.	2000	2150.

Ted Strickland, Governor Lee Fisher, Lieutenant Governor Chris Korleski, Director



MAILING ADDRESS:

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P.O. Box 1049 Columbus, OH 43216-1049

Preliminary Compliance Report

Facility:

American Energy Corp Century Mine

Permit No.:

0IL00091*GD

Report Period:

December 2008

Date Received:

1/20/2009



800



12/1/2008

01055

Manganese, Total (Mn)

Monthly Conc.

2000

2150

Ted Strickland, Governor Lee Fisher, Lieutenant Governor Chris Korleski, Director

43521 Mayhugh Hill Road Twp.Hwy.88

Beallsville, Ohio 43716 Phone: (740) 926-9152 FAX: (740) 926-9138

American Energy Corporation

December 23, 2008

Ohio EPA
State of Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43183

Attention: Abbot Stevenson

Dear Ms. Abbot Stevenson:

We are in receipt of the attached email dated December 3rd, 2008 concerning the preliminary compliance report for October 2008. We submitted samples that were taken greater than 28 days apart. This occurred at station 015, permit # OIL00091*GD.

We have contacted the contractor and advised them to keep all samples within the 28 day time period.

If you have any questions or need additional information please feel free to contact me at your convenience.

Peux B. Duly el

Sincerely,

Dennis B. Dubiel

Project/Environmental Engineer

Century Mine



Lazarus Government Center 50 W. Town St., Suite 700 Columbus, Ohio 43215 TELE: (614) 644-3020 FAX: (614) 644-3184 www.epa.state.oh.us

P.O. Box 1049 Columbus, OH 43216-1049

December 03, 2008

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

Dear Permittee:

A Preliminary Compliance Review was conducted on your Discharge Monitoring Report (DMR) submitted on December 02, 2008. As detailed at the end of this letter, screening of your submitted DMR has identified possible compliance issues. Please review the information and take the appropriate action:

- If there were errors in the original DMR submission, submit a revised DMR to Ohio EPA by the close of business on the 30th of this month. Include a specific comment on the DMR for each revision.
- If you believe that there is an error due to technical issues that cannot be corrected by resubmission, contact Jamie Roberts, eDMR Coordinator, at 614-387-3367 or james.roberts@epa.state.oh.us.
- If you believe the identified compliance issues are in error based on your understanding of your NPDES permit conditions, contact your Ohio EPA District Representative, Abbot Stevenson, at 1-800-686-7330 or Abbot.Stevenson@epa.state.oh.us
- Part III-12 of your NPDES permit requires that you submit a letter of explanation outlining the actions you have taken or are taking to correct all instances of non-compliance. If you have not already done so, please submit the letter to your Ohio EPA District representative at the following address:

Abbot Stevenson
Ohio EPA - Southeast District Office
2195 Front Street
Logan, Ohio 4313
1-800-686-7330 or Abbot.Stevenson@epa.state.oh.us

• The following web address contains useful eDMR submission information including definitions of limit violations, non-numeric violations, frequency violations, calculation of average concentrations, and correct A-code use: http://www.epa.state.oh.us/dsw/swims/eDMR/eDMR.html

Sincerely,

Ed Swindall ed.swindall@epa.state.oh.us Supervisor, Permits Compliance Unit Ohio EPA, Division of Surface Water

> Ted Strickland, Governor Lee Fisher, Lieutenant Governor Chris Korleski, Director

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Lazarus Government Center 50 W. Town St., Suite 700 Columbus, Ohio 43215 TELE: (614) 644-3020 FAX: (614) 644-3184 www.epa.state.oh.us

P.O. Box 1049 Columbus, OH 43216-1049

Preliminary Compliance Report

Facility: American Energy Corp Century Mine

Permit No.: 0IL00091*GD

Report Period: October 2008 Date Received: 12/2/2008

Station	Туре	Date	Reporting Code	Parameter Limit Type		Permit Limit	Reported Value
015	Freq	10/15/2008	00094	Conductivity	1/2Weeks	1	0
015	Freq	10/15/2008	00400	рН	1/2Weeks	1	0
015	Freq	10/15/2008	00515	Residue, Total Dissolved	1/2Weeks	1	0
015	Freq	10/15/2008	00530	Total Suspended Solids	1/2Weeks	1	0
015	Freq	10/15/2008	01045	Iron, Total (Fe)	1/2Weeks	1	0
015	Freq	10/15/2008	01055	Manganese, Total (Mn)	1/2Weeks	1	0

Ted Strickland, Governor Lee Fisher, Lieutenant Governor Chris Korleski, Director

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Lazarus Government Center 50 W. Town St., Suite 700 Columbus, Ohio 43215 TELE: (614) 644-3020 FAX: (614) 644-3184 www.epa.state.oh.us

P.O. Box 1049 Columbus, OH 43216-1049

December 03, 2008

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

Dear Permittee:

A Preliminary Compliance Review was conducted on your Discharge Monitoring Report (DMR) submitted on December 02, 2008. As detailed at the end of this letter, screening of your submitted DMR has identified possible compliance issues. Please review the information and take the appropriate action:

- If there were errors in the original DMR submission, submit a revised DMR to Ohio EPA by the close of business on the 30th of this month. Include a specific comment on the DMR for each revision.
- If you believe that there is an error due to technical issues that cannot be corrected by resubmission, contact Jamie Roberts, eDMR Coordinator, at 614-387-3367 or james.roberts@epa.state.oh.us.
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• The following web address contains useful eDMR submission information including definitions of limit violations, non-numeric violations, frequency violations, calculation of average concentrations, and correct A-code use: http://www.epa.state.oh.us/dsw/swims/eDMR/eDMR.html

Sincerely,

Ed Swindall ed.swindall@epa.state.oh.us Supervisor, Permits Compliance Unit Ohio EPA, Division of Surface Water

> Ted Strickland, Governor Lee Fisher, Lieutenant Governor Chris Korleski, Director

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MAILING ADDRESS:

Lazarus Government Center 50 W. Town St., Suite 700 Columbus, Ohio 43215

TELE: (614) 644-3020 FAX: (614) 644-3184 www.epa.state.oh.us

P.O. Box 1049 Columbus, OH 43216-1049

Preliminary Compliance Report

Facility:

American Energy Corp Century Mine

Permit No.:

0IL00091*GD

Report Period:

October 2008

Date Received:

12/2/2008

Station	Туре	Date	Reporting Code	Parameter	Limit Type	Permit Limit	Reported Value
015	Freq	10/15/2008	00094	Conductivity	1/2Weeks	1	0
015	Freq	10/15/2008	00400	рН	1/2Weeks	1	0
015	Freq	10/15/2008	00515	Residue, Total Dissolved	1/2Weeks	1	0
015	Freq	10/15/2008	00530	Total Suspended Solids	1/2Weeks	1	0
015	Freq	10/15/2008	01045	Iron, Total (Fe)	1/2Weeks	1	0
015	Freq	10/15/2008	01055	Manganese, Total (Mn)	1/2Weeks	1	0

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Southeast District Office

2195 Front Street Logan, Ohio 43138 TELE: (740) 385-8501 FAX: (740) 385-6490 www.epa.state.oh.us

Ted Strickland, Governor Lee Fisher, Lieutenant Governor Chris Korleski, Director

October 4, 2007

Re: Belmont County
American Energy Corp., Century Mine
Notice of Violation
0IL00091*GD

Correspondence (IWW)

Mr. Ryan Murray American Energy Corp., Century Mine 43521 Mayhugh Hill Road Beallsville, Ohio 43716

Dear Mr. Murray:

We have received your self-monitoring reports covering the months of August 2006 through August 2007 for the referenced facility. Our review indicates violations of the conditions of your NPDES permit. The specific instances of noncompliance and/or deficiencies are as follows:

Outfall	Parameter	Туре	Limit	Units	Reported	Date
Septembe	r 2006:					
017	Nitrogen, Ammonia	30D Qty	0.04	Kg/day	0.053	9/1/2006
017	CBOD 5 day	30D Qty	0.37	Kg/day	0.53	9/1/2006
October 2	006:					
016	Manganese, Total	30D Conc	2000	ug/L	2320	10/1/2006
017	Nitrogen, Ammonia	30D Qty	0.04	Kg/day	0.07	10/1/2006
017	CBOD 5 day	30D Qty	0.37	Kg/day	0.52	10/1/2006
017	Nitrogen, Ammonia	1D Qty	0.06	Kg/day	0.083	10/25/2006
016	Manganese, Total	1D Conc	4000	ug/L	4130	10/26/2006
Novembe	r 2006:					
008	Manganese, Total	30D Conc	2000	ug/L	6600	11/1/2006
015	Manganese, Total	30D Conc	2000	ug/L	2045	11/1/2006
016	Manganese, Total	30D Conc	2000	ug/L	4805	11/1/2006
800	Manganese, Total	1D Conc	4000	ug/L	8140	11/8/2006
016	Manganese, Total	1D Conc	4000	ug/L	4980	11/14/2006
800	Manganese, Total	1D Conc	4000	ug/L	5060	11/15/2006
016	Manganese, Total	1D Conc	4000	ug/L	4630	11/15/2006
January 2	2007:					
002	Total Suspended Solids	30D Conc	35	mg/L	43	1/1/2007
017	Nitrogen, Ammonia	30D Conc	3.0	mg/L	11.2	1/1/2007
017	Nitrogen, Ammonia	30D Qty	0.11	Kg/day	0.24	1/1/2007

Outfall	Parameter	Type	Limit	Units	Reported	Date
017	Nitrogen, Ammonia	1D Conc	4.0	mg/L	13.0	1/10/2007
017	Nitrogen, Ammonia	1D Qty	0.15	Kg/day	0.25	1/10/2007
002	Total Suspended Solids	1D Conc	70	mg/L	84	1/23/2007
017	Nitrogen, Ammonia	1D Conc	4.0	mg/L	12.0	1/23/2007
017	Nitrogen, Ammonia	1D Qty	0.15	Kg/day	0.27	1/23/2007
017	Nitrogen, Ammonia	1D Conc	4.0	mg/L	8.7	1/31/2007
017	Nitrogen, Ammonia	1D Qty	0.15	Kg/day	0.20	1/31/2007
February 2	2007:					
017	Nitrogen, Ammonia	30D Conc	3.0	mg/L	3.1	2/1/2007
017	Nitrogen, Ammonia	1D Conc	4.0	mg/L	5.0	2/9/2007
March 200	7:					
800	Total Suspended Solids	30D Conc	35	mg/L	3006	3/1/2007
008	Total Suspended Solids	1D Conc	70	mg/L	6000	3/27/2007
April 2007						
800	Total Suspended Solids	30D Conc	35	mg/L	3254	4/1/2007
015	Manganese, Total	30D Conc	2000	ug/L	2300	4/1/2007
008	Total Suspended Solids	1D Conc	70	mg/L	6500	4/9/2007
May 2007:						
017	Fecal Coliform	30D Conc	1000	#/100ml	1700	5/1/2007

NOTES:

1D Conc = Daily Average Concentration Value

1D Qty = Daily Average Loading Value

7D Conc = Weekly Average Concentration Value
30D Conc = Monthly Average Concentration Value
7D Qty = Weekly Average Loading Value
30D Qty = Monthly Average Loading Value

Please be advised that failure to comply with the effluent limitations or to satisfy the monitoring or reporting requirements of your NPDES permit may be cause for enforcement action pursuant to the Ohio Revised Code Chapter 6111.

Failure to report violations of the effluent limitations is also a violation of your NPDES permit. Please review Part 3 of the NPDES permit for reporting requirements.

Please inform this office, in writing, within ten days of receipt of this notification as to the reasons for the above referenced violations, as well as a description of the actions taken or proposed to prevent any further violations. Your response should include dates, either actual or proposed, for completion of the actions.

The Ohio EPA strongly encourages pollution prevention as the preferred approach for waste management. The first priority of pollution prevention is to eliminate the generation of wastes and pollutants at the source (source reduction). For those wastes or pollutants that are generated, the second priority is to recycle or reuse them in an environmentally sound manner. You can benefit economically, help preserve the environment, and improve your public image by implementing pollution prevention programs. For more information about pollution prevention, including fact sheets and

U.S. EPA's <u>Facility Pollution Prevention Guide</u>, (EPA/600/R-92/088), you may contact the Ohio EPA Pollution Prevention Section at (614) 644-3469 or me for additional information.

If there are any questions, please contact me at (740) 380-5284.

Sincerely,

Ms. Abbot Stevenson

Environmental Engineer

Permits and Enforcement Section

Division of Surface Water

AS/dh

c: Fred Blumling, American Energy Corp.

c: AS file

e veby

2007 007 17 6411: 26

43521 Mayhugh Hill Road Twp.Hwy.88 Beallsville, Ohio 43716 Phone: (740) 926-9152 FAX: (740) 926-9138

American Energy Corporation

October 15, 2007

Ohio EPA State of Ohio Environmental Protection Agency Southeast District Office 2195 Front Street Logan, OH 43183

Attention: Abbot Stevenson

Dear Ms. Abbot Stevenson:

We are in receipt of your letter dated October 4th 2007 concerning the self monitoring reports from August 2006 through August 2007. Please find listed below our proposed corrections.

- Outfall 016 was taken out of service due to the construction of phase 3 development on the refuse site. November 15th would have been the last reportable outfall information.
- Outfall 008 (March 2007) was reported incorrectly. I used the Total Dissolved Solids – mg/l data instead of the Total Suspended Solids information please find attached the proper support documents.
- Outfall 008 (April 2007) was reported incorrectly. Tra-Det Inc. who
 performs the laboratory analysis for the outfalls had recorded the
 Total Dissolved Solids and the Total Suspended Solids incorrectly.
 After contacting them on this, they have sent an amended report.
 Enclosed is a copy without a signature. A signed copy will be
 forwarded as soon as it is received.
- Outfall 008 (November 2006 Manganese) We believe that this
 compliance issue was generated in conjunction with the discharge of
 pond 16. We have not had this problem since the closing of pond 16.

AEC 12236

- Outfall 002 (Total Suspended Solids January 2007) We will install
 hay bails at the decant invert to correct the total suspended solid
 problem.
- Outfall 015 (Manganese November 2006, April 2007) We modified the treatment box area and installed additional limestone around the area. Manganese problems can be contributed to ph; we will make the necessary ph adjustment.
- Outfall 017 (Nitrogen, Ammonia, CBOD, Fecal Coliform) We began cleaning the system starting October 11th, 2007 and completed October 12th. We believe that by cleaning the entire system the plant will operate to its design standards. After the cleaning and monitoring we may find out that the plant requires cleaning more often than we have done in the past. This will be a good gauge since all other components are working properly.

If you have any questions or need additional information please feel free to contact me at your convenience.

Sincerely,

Fred M. Robernsting A.L.H.
Fred M. Blumling

Project Engineer

0201

2007 OCT 26 AM 11: 42

43521 Mayhugh Hill Road Twp.Hwy.88 Beallsville, Ohio 43716 Phone: (740) 926-9152 FAX: (740) 926-9138

American Energy Corporation

October 24, 2007

Ohio EPA State of Ohio Environmental Protection Agency Southeast District Office 2195 Front Street Logan, OH 43183

Fred M. Blumling AH. 10-24-07

Attention: Abbot Stevenson

Dear Ms. Abbot Stevenson:

Enclosed is a copy of the signed laboratory analysis of outfall 008 on the date of April 9, 2007. In our reply to your NPDES compliance letter dated October 4, 2007, we had sent a copy without a signature. The original will be kept on file at American Energy Corporation, Century Mine. If you have any questions, please call Adam Hartley at (740) 926-9152 ext. 608.

Sincerely,

Fred M. Blumling

Project Engineer



1000



2007 CCT 26 AM 11: 42

P. O. BOX 2019 WHEELING, WV 26003-0219 (304) 547-9094 FAX: (304) 547-9097

LABORATORY ANALYSES
Amended Report

SHIPPING ADDRESS RD #2, BOX 227A BATTLE RUN ROAD TRIADELPHIA, WV 26059-9609

American Energy Corporation
Century Mine
43521 Mayhugh Hill Road Twp. Hwy. 88
Beallsville, OH 43716
Attn: Mr. Fred Blumling

10-Oct-07

Company:

American Energy Corporation

Sampled By:

QES (WD)

Plant:

Century Mine

Date & Time Sampled:

04-09-07 1410

Source:

Outfall 008

Date & Time Received:

04-10-07 1400

Analysis Number: 0704162

PARAMETER			DATE & TIME ANALYZED	ANALYST	METHO)D		MDL
<u>.</u>					**			
pH, Field	8.1	S.U.	04-09-07 1410	QES (WD)	*		•	
pH, Lab	7.86	S.U.	04-10-07 1530	MY	150.1	[2]		
Specific Conductance, Lab	9400	µmhos/cm	04-12-07 0830	LW	120.1	[2]	2.4	µmhos/cm
Total Dissolved Solids	6500	mg/L	04-13-07 0930	WB	160.1	[2]	14	mg/L
Total Suspended Solids	11	mg/L	04-13-07 0930	WB	160.2	[2]	0.87	mg/L
Iron	880	µg/L	04-13-07 1359	BS	236.1	[2]	20	µg/L
Manganese	1200	µg/L	04-13-07 1359	BS	243.1	[2]	2	μg/L

MDL: Method Detection Limit

[1] Standard Methods, 18th Edition [2] US EPA [3] ASTM [4] EPA SW846



State of Ohio Environmental Protection Agency

Southeast District Office

2195 Front Street Logan, OH 43138 TELE: (740) 385-8501 FAX: (740) 385-6490 www.epa.state.oh.us

Bob Taft, Governor Bruce Johnson, Lieutenant Governor Joseph P. Koncelik, Director

September 11, 2006

Re: Belmont County

American Energy Corp., Century Mine

Notice of Violation 0IL00091*GD

Correspondence (IWW)

Mr. Ryan Murray American Energy Corp., Century Mine 43521 Mayhugh Hill Road Beallsville, Ohio 43716

Dear Mr. Murray:

We have received your self-monitoring reports covering the months of August 2005 through July 2006 for the referenced facility. Our review indicates violations of the conditions of your NPDES permit. The specific instances of noncompliance and/or deficiencies are as follows:

Outfall	Parameter	Туре	Limit	Units	Reported	Date			
August 2005									
601	Nitrogen, Ammonia	30D Conc	1.0	mg/L	6.93	08/01/05			
601	Nitrogen, Ammonia	30D Qty	0.04	Kg/day	0.37	08/01/05			
601	Nitrogen, Ammonia	1D Conc	1.5	mg/L	7.56	08/10/05			
601	Nitrogen, Ammonia	1D Qty	0.06	Kg/day	0.40	08/10/05			
601	Total Suspended Solids	1D Qty	0.68	Kg/day	0.74	08/26/05			
601	Nitrogen, Ammonia	1D Conc	1.5	mg/L	6.3	08/26/05			
601	Nitrogen, Ammonia	1D Qty	0.06	Kg/day	0.33	08/26/05			
February 2006									
601	CBOD 5 day	30D Qty	0.37	Kg/day	0.55	02/01/06			
601	CBOD 5 day	1D Qty	0.56	Kg/day	1.09	02/20/06			
April 2006									
601	Nitrogen, Ammonia	30D Conc	3.0	mg/L	4.9	04/01/06			
601	Nitrogen, Ammonia	30D Qty	0.11	Kg/day	0.42	04/01/06			
601	Nitrogen, Ammonia	1D Conc	4.0	mg/L	5.6	04/06/06			
601	Nitrogen, Ammonia	1D Qty	0.15	Kg/day	0.49	04/06/06			
601	Nitrogen, Ammonia	1D Conc	4.0	mg/L	4.2	; 04/19/06			
601	Nitrogen, Ammonia	1D Qty	0.15	Kg/day	0.35	04/19/06			
May 2006									
601	Nitrogen, Ammonia	30D Conc	1.0	mg/Ĺ	1.60	05/01/06			
601	Nitrogen, Ammonia	30D Qty	0.04	Kg/day	0.18	05/01/06			
601	Nitrogen, Ammonia	1D Conc	1.5	mg/L	1.68	05/10/06			
601	Nitrogen, Ammonia	1D Qty	0.06	Kg/day	0.23	05/10/06			
601	Nitrogen, Ammonia	1D Conc	1.5	mg/L	1.51	05/22/06			
601	Nitrogen, Ammonia	1D Qty	0.06	¹ Kg/day	0.13	05/22/06			

Outfall	Parameter	Туре	Limit	Units	Reported	Date
June 20	06					
601	Nitrogen, Ammonia	1D Qty	0.06	Kg/day	0.08	06/07/06
015	Total Suspended Solids	30D Conc	35	mg/L	4902	06/01/06
015	Total Suspended Solids	1D Conc	70	mg/L	9800	06/21/06
July 200	06					
017	CBOD 5 day	30D Qty	0.37	Kg/day	0.42	07/01/06
017	CBOD 5 day	1D Qty	0.56	Kg/day	0.85	07/25/06

NOTES: 1D Conc = Daily Average Concentration Value
1D Qty = Daily Average Loading Value

7D Conc = Weekly Average Concentration Value
30D Conc = Monthly Average Concentration Value
7D Qty = Weekly Average Loading Value
30D Qty = Monthly Average Loading Value

Please be advised that failure to comply with the effluent limitations or to satisfy the monitoring or reporting requirements of your NPDES permit may be cause for enforcement action pursuant to the Ohio Revised Code Chapter 6111.

Failure to report violations of the effluent limitations is also a violation of your NPDES permit. Please review Part 3 of the NPDES permit for reporting requirements.

Please inform this office, in writing, within ten days of receipt of this notification as to the reasons for the above referenced violations, as well as a description of the actions taken or proposed to prevent any further violations. Your response should include dates, either actual or proposed, for completion of the actions.

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If there are any questions, please contact me at (740) 380-5284.

Sincerely,

Ms. Abbot Stevenson Environmental Engineer

Permits and Enforcement Section

Division of Surface Water

AS/dh

c: Melanie Murray, American Energy Corp.

c: AS file

AEC RUL CO

BE PA

43521 Mayhugh Hill Road Twp.Hwy.88 Beallsville, Ohio 43716

American Energy Corporation

September 20, 2006

Ohio EPA Southeast District Region 2195 Front Street Logan, Ohio 43138

RE: Sewage Treatment Plant

Attention: Ms. Abbot Stevenson

Dear Ms. Stevenson:

In response to your letter dated September 11, 2006 American Energy Corporation has completed the following work to the on site treatment plant.

- 1. Replaced (2) two E.Q. Pumps (Completed August 2006)
- 2. Cleaned the Sludge tank

(Completed July 2006)

3. Cleaned Trash Trap

(Completed July 2006)

4. We are also continuing to work with our consultant regarding the training program.

We believe the above work will eliminate the out of compliance discharge. We also intend to rejuvenate the sand filtering system in the treatment plant within 60days.

If you have any questions or need additional information please feel free to contact me at your convenience.

Sincerely,

Fred M. Blumling Project Engineer